

0500

OIPE

## RAW SEQUENCE LISTING

DATE: 11/14/2000

PATENT APPLICATION: US/09/703,233

TIME: 14:33:10

Input Set : A:\6632US02.txt

Output Set: N:\CRF3\11142000\I703233.raw

ENTERED

4 <110> APPLICANT: Abbott Laboratories  
5 Haviv, Fortuna  
6 Henkin, Jack  
7 Kalvin, Douglas M.  
8 Bradley, Michael F.  
10 <120> TITLE OF INVENTION: N-ALKYLATED PEPTIDES HAVING  
11 ANTIANGIOGENIC ACTIVITY  
13 <130> FILE REFERENCE: 6632.US.02  
C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/703,233  
C--> 16 <141> CURRENT FILING DATE: 2000-10-31  
18 <150> PRIOR APPLICATION NUMBER: US 60/166,924  
19 <151> PRIOR FILING DATE: 1999-11-22  
21 <160> NUMBER OF SEQ ID NOS: 1  
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
25 <210> SEQ ID NO: 1  
26 <211> LENGTH: 11  
27 <212> TYPE: PRT  
28 <213> ORGANISM: Artificial Sequence  
30 <220> FEATURE:  
31 <223> OTHER INFORMATION: Antiangiogenetic Peptide  
33 <221> NAME/KEY: VARIANT  
34 <222> LOCATION: (1)...(1) ✓  
35 <223> OTHER INFORMATION: Xaa = N-methylprolyl at position 1  
37 <221> NAME/KEY: VARIANT  
38 <222> LOCATION: (2)...(2) ✓  
39 <223> OTHER INFORMATION: Xaa = N-(R3)Ala, N-(R3)Gly, N-(R3)Nva, N-(R3)Pro,  
40 B-Ala, Asn, 4-ClPheAla, 4-CNPheAla, Gln, Glu, Gly,  
41 4-OHPro, 4-MePheAla, Pro, Ser, or Thr at position  
42 2  
44 <221> NAME/KEY: VARIANT  
45 <222> LOCATION: (3)...(3) ✓  
46 <223> OTHER INFORMATION: Xaa = N-(R3)Ala, N-(R3)Gly, N-(R3)Leu,  
47 N-(R3)PheAla, Ala, Asn, Asp, 3-CNPheAla,  
48 4-CNPheAla, Gln, Gly, Leu, Lys(Ac), 4-MePheAla,  
49 Nva, Pro, and PheAla as position 3  
51 <221> NAME/KEY: VARIANT  
52 <222> LOCATION: (4)...(4) ✓  
53 <223> OTHER INFORMATION: Xaa = N-(R3)Ala, N-(R3)Gly, N-(R3)HpheAla,  
54 N-(R3)Ile, N-(R3)Leu, N-(R3)Nva, N-(R3)PheAla,  
55 N-(R3)Ser, N-(R3)Tyr, N-(R3)Val, Ala, Alloile,  
56 Allylgly, 2-Ambut, Asn, Asp at position 4  
58 <221> NAME/KEY: VARIANT  
59 <222> LOCATION: (4)...(4) ✓  
60 <223> OTHER INFORMATION: Xaa = 5-BrThiAla, 3-ClPheAla, 4-ClPheAla,  
61 3-CNPheAla, Cha, 3,4-diOMe-PheAla, 3-FpheAla,  
62 4-FpheAla, Gln, Gly, His, HpheAla, Hser, Ile, Leu,  
63 Lys(Ac), Met, Met(O2), 4-MePheAla at position 4

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65 <221> NAME/KEY: VARIANT /
66 <222> LOCATION: (4)...(4)
67 <223> OTHER INFORMATION: Xaa = 1-Nal, 2-Nal, Nor, Nva, PheAla, PheGly,
68   Pro, 3-PyrAla, 4-ThzAla, 2-ThiAla, Ser, Ser(Bzl),
69   StyAla, Trp, Tyr, Val at position 4
71 <221> NAME/KEY: VARIANT
72 <222> LOCATION: (5)...(5) /
73 <223> OTHER INFORMATION: Xaa = AlloIle, Chg, Gly, Ile at position 5
75 <221> NAME/KEY: VARIANT
76 <222> LOCATION: (6)...(6) /
77 <223> OTHER INFORMATION: Xaa = N-(R3)Asp, N-(R3)Glu, N-(R3)Gly, N-(R3)Ser,
78   N-(R3)Thr, N-(R3)Thr(Bzl), N-(R3)Tyr, Ala,
79   AlloThr, Allylgly, Asn, Asp, Gln, Gly, His, Hser,
80   4-OHMePheAla, Ile, Lys(Ac) at position 6
82 <221> NAME/KEY: VARIANT
83 <222> LOCATION: (6)...(6) /
84 <223> OTHER INFORMATION: Xaa = Met, 2-Nal, Nva, Octylgly, Pro, 3-PyrAla,
85   Ser, Thr, Trp, Tyr, Tyr(Me) at position 6
87 <221> NAME/KEY: VARIANT
88 <222> LOCATION: (7)...(7) /
89 <223> OTHER INFORMATION: Xaa = N-(R3)Ala, N-(R3)Gly, N-(R3)Ile, N-(R3)Leu,
90   N-(R3)Nle, N-(R3)Nva, N-(R3)Ser, N-(R3)Thr,
91   N-(R3)Val, Ala, AlloThr, Allylgly, 4-AmdPheAla,
92   2-Ambut, Arg, Asn at position 7
94 <221> NAME/KEY: VARIANT
95 <222> LOCATION: (7)...(7) /
96 <223> OTHER INFORMATION: Xaa = Cha, Gln, Gly, Hala, Hser, 4-OHPro, Leu,
97   Lys(Ac), Met(O2), Met(O), Met, Nle, Nva,
98   Octylgly, Orn(Isp), PheAla, ProGly, Ser, Thr, Trp,
99   Tyr, and Val at position 7
101 <221> NAME/KEY: VARIANT
102 <222> LOCATION: (8)...(8) /
103 <223> OTHER INFORMATION: Xaa = N-(R3)Ala, N-(R3)Ile, N-(R3)Leu, Ala, AlloIle,
104   Allylgly, Cit, Gly, Ile, Leu, Lys(Ac), Met, 1-Nal,
105   Nva, Pro, and Val at position 8
107 <221> NAME/KEY: VARIANT
108 <222> LOCATION: (9)...(9) /
109 <223> OTHER INFORMATION: Xaa = N-(R3)Arg, 4-AmIspCha, 4-AmIspPheAla,
110   Arg(diethyl), Arg, Cit, Gln, 4-GuPheAla, His,
111   Harg, Lys(Isp), Lys(Nic), Lys, Nor, Orn, Orn(Im),
112   Orn(Isp), and 3-PyrAla at position 9
114 <221> NAME/KEY: VARIANT /
115 <222> LOCATION: (10)...(10)
116 <223> OTHER INFORMATION: Xaa = N-(R3)Ala, N-(R3)Gly, N-(R3)Hala, N-(R3)Nva,
117   2-Ambut, 2-Amisobut, dePro, 4-OHPro, PheAla, Pro,
118   and Tic at position 10
120 <221> NAME/KEY: VARIANT /
121 <222> LOCATION: (11)...(11)
122 <223> OTHER INFORMATION: Xaa = AlaNH2, AlaNH-ethyl, AzaGlyNH2, GlyNH2,

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/703,233

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L:15 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1